HITACHI
Inspire the Next

PT NO. 2781E

R-S700GPRU9 (GS,GBK)

SERVICE MANUAL

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For Basic Operation, please refer to service manual No. 2219E

For service refrigerant R-600a cycle please refer to service manual No.2736E

SPECIFICATIONS

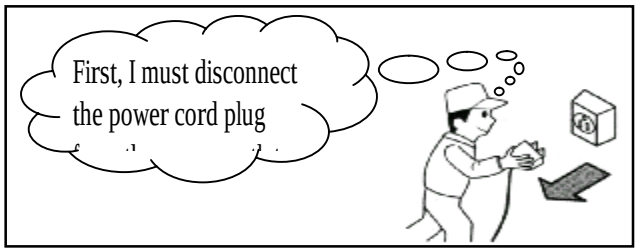
TYPE			SIDE BY SIDE 2D DX
MODEL			R-S700GPRU9
POWER SOURCE			1Ø,220-240V,50Hz
POWER INPUT (W)			150
TOTAL CURRENT (A)			1.3
VOLUME	TOTAL	GROSS	650L
DIMENSIONS	W		910
	H		1760
	D		760
NET WEIGHT (Kgs)			112

REFRIGERATOR SEP '12

H.C.P.T.

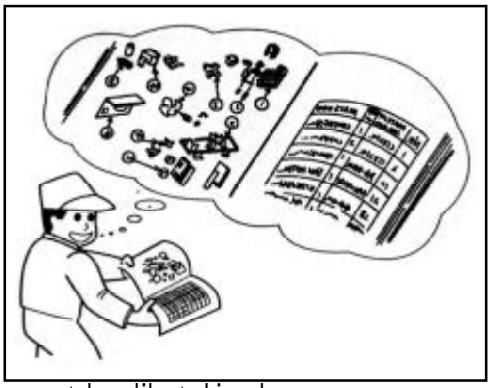
SAFETY DURING REPAIR WORK

1. For disassembly and repair the unit be sure to disconnect the power cord plug from the power outlet before starting the work.

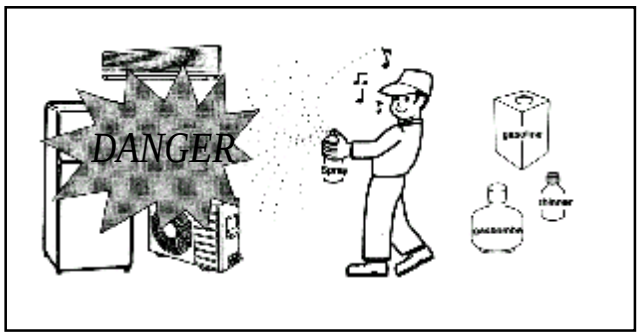


2. If it is necessary to replace any parts, they should be replaced with correct parts for the unit, and the replacement must be effected in correct manner according to the instructions in the Service Manual of the unit.

If electrical parts are defective,
replace the electrical parts
without trying to repair them.



3. After completion of repairs, the initial state should be restored.
4. Lead wires should be connected and wiring as in the initial state.
5. Modification of the unit by the user himself should absolutely be prohibited.
6. Tools and measuring instruments for repair or inspection should be accurately calibrated in advance.
7. In installing the unit having been repaired, be careful to prevent the occurrence of any accident such as electrical shock, leak of current, or bodily injury due to the drop of any part.
8. To check the insulation of the unit, measure the insulation resistance between the power cord plug and grounding terminal of the unit.
   The insulation resistance should be 1MΩ or more as measured by a 500V DC.
9. The initial location of installation such as window, floor or the other should be checked for being safe enough to support the repaired unit again.
   If it is found not so strong and safe, the unit should be installed at the initial location after reinforced or at a new location.
10. Any inflammable object must not be placed about the location of installation.
11. Check the grounding to see whether it is proper or not, and if it is found improper, connect the grounding terminal to the earth.



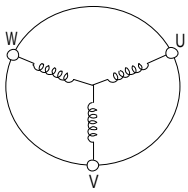
SPECIFICATION

MODEL		R-S700GPRU9
COMPRESSOR		PTR-M700GPN 007 WL16H10DAL(A)
STARTING DEVICE		-
OVERHEAT RELAY		PTR-SF37WVPH 053 (OHR-208A)
STARTING CAPACITOR		-
REFRIGERATOR SENSOR		PTR-S700EUK8 102 R (0°C) = 6.35 k Ω ± 2 %
FREEZER SENSOR		PTR-M700GUK 004 R (-20°C) = 18.9 k Ω ± 2 %
REFRIGERATOR CHARGING R-600a		88 g
TEMPERATURE CONTROL	FRESH FOOD	ELECTRONIC CONTROL
	FREEZER	ELECTRONIC CONTROL
DEFROSTING SYSTEM	DEFROSTING WAY	HEATER
	INITIATION	F:AUTOMATIC,R:AUTOMATIC
	TERMINATION	F:AUTOMATIC,R:AUTOMATIC
	EVAPORATION	FORCED
FREEZER ****		YES
ICE TRAY		YES
ICE CUBE BOX		YES
MEAT KEEPER DOOR		NO
MULTI CHILLER		NO
EGG STORAGE CAPACITY		YES
SHELF-F		YES
SHELF-R		YES
CRISPER (VEGETABLE)		SLIDE OUT
POCKET		YES
POLYURETHANE INSULATOR		YES

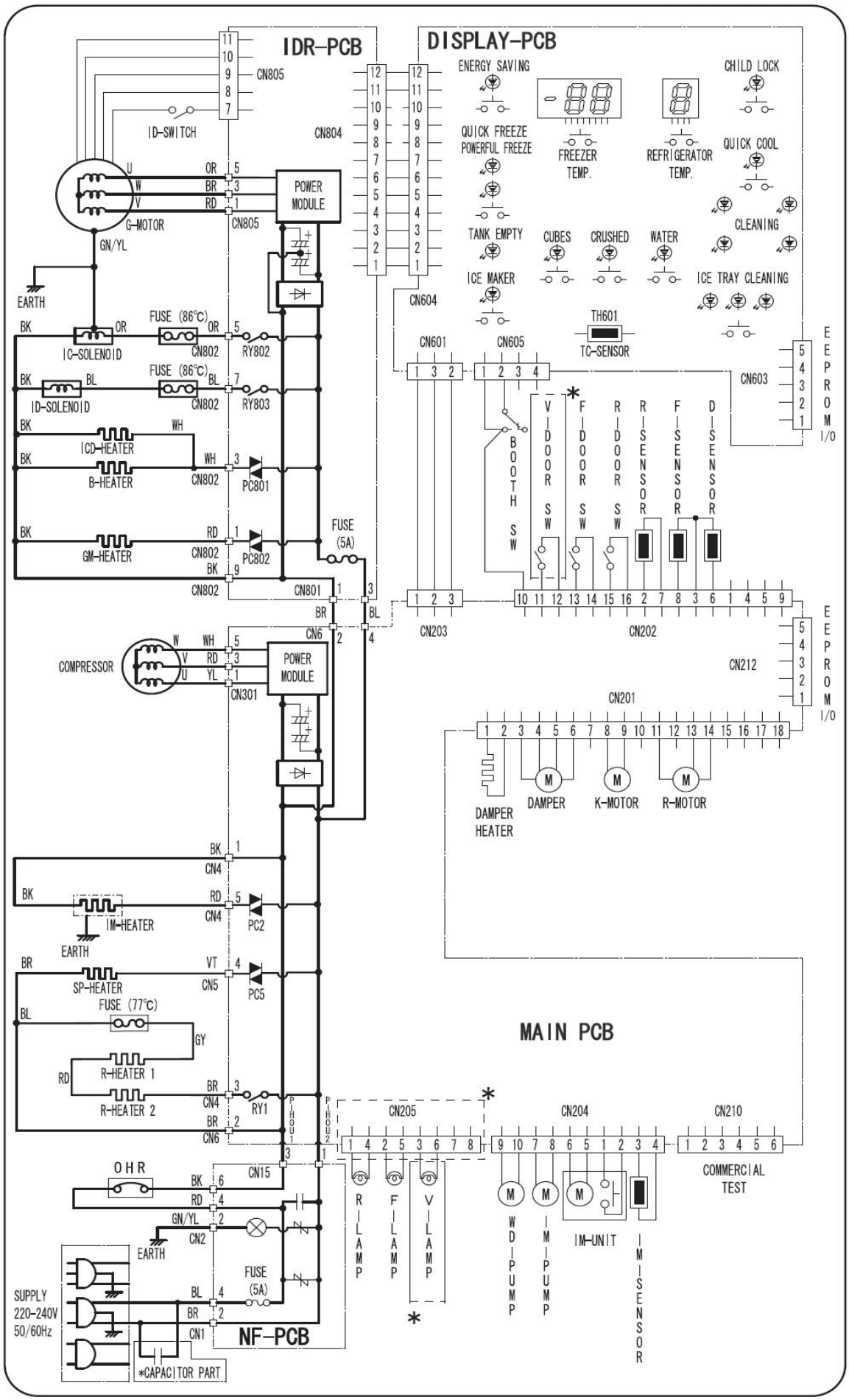
OTHER FEATURE

WATER DISPENSOR	YES
DEODORIZER	NANO TITANIUM CARBON DEODORIZER AND NANO TITANIUM FIBER DEODORIZER

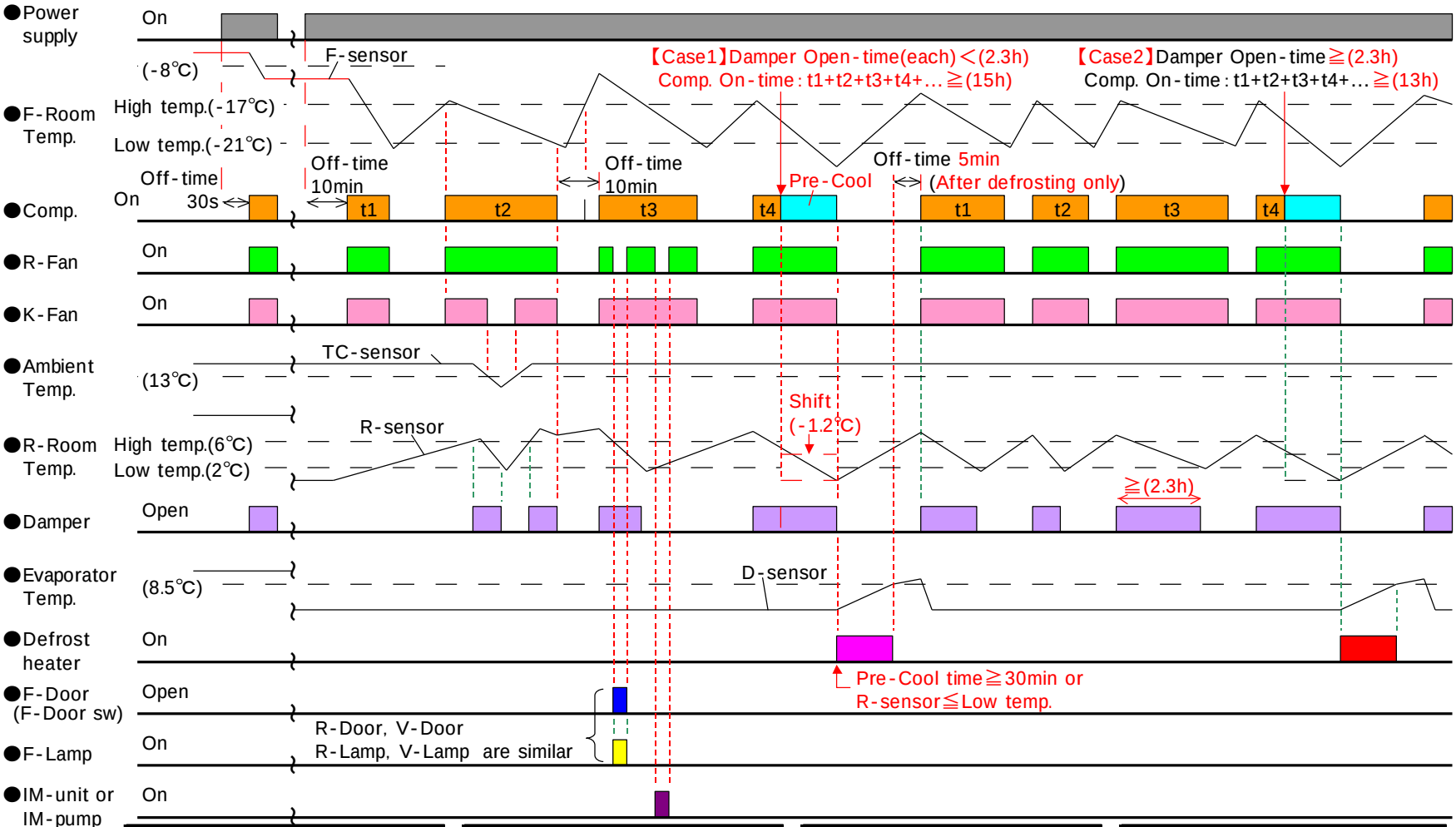
MAIN PARTS COMPONENTS

MODEL		R-S700GPRU9
COMPPRESSOR MODEL		PTR-M700GPN 007 (WL16H10DAL(A))
POWER SOURCE	PRIMARY	1Ø,100-240V,50/60Hz
	SECONDARY	3Ø, DC INVERTER
CONNECTION		 HERMETIC TERMINAL (MOTOR COMPRESSOR)
RESISTANCE VALUE	20°C	U - W = 9.26 Ω
		U - V = 9.26 Ω
		V - W = 9.26 Ω
STARTING CURRENT	20°C	6.9A

HITACHI REFRIGERATOR-FREEZER CIRCUIT DIAGRAM SBS



Basic operation (time chart)



Condition	Comp.
Off-time	Off
Defrosting	Off
F-sensor≧High temp.	On
F-sensor≦Low temp.	Off

Condition	R-Fan
IM-unit or IM-pump on	Off
Door(F,R,V) open	Off
Comp. on	On
Comp. off	Off

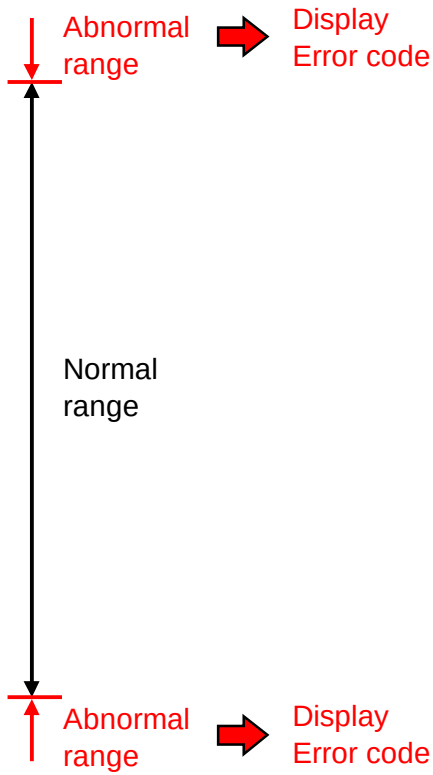
Condition	K-Fan
TC-sensor≦(13℃)	Off
Comp. on	On
Comp. off	Off

Condition	Damper
Comp. off	Close
R-sensor≧High temp.	Open
R-sensor≦Low temp.	Close

High
Priority

Sensor's specification

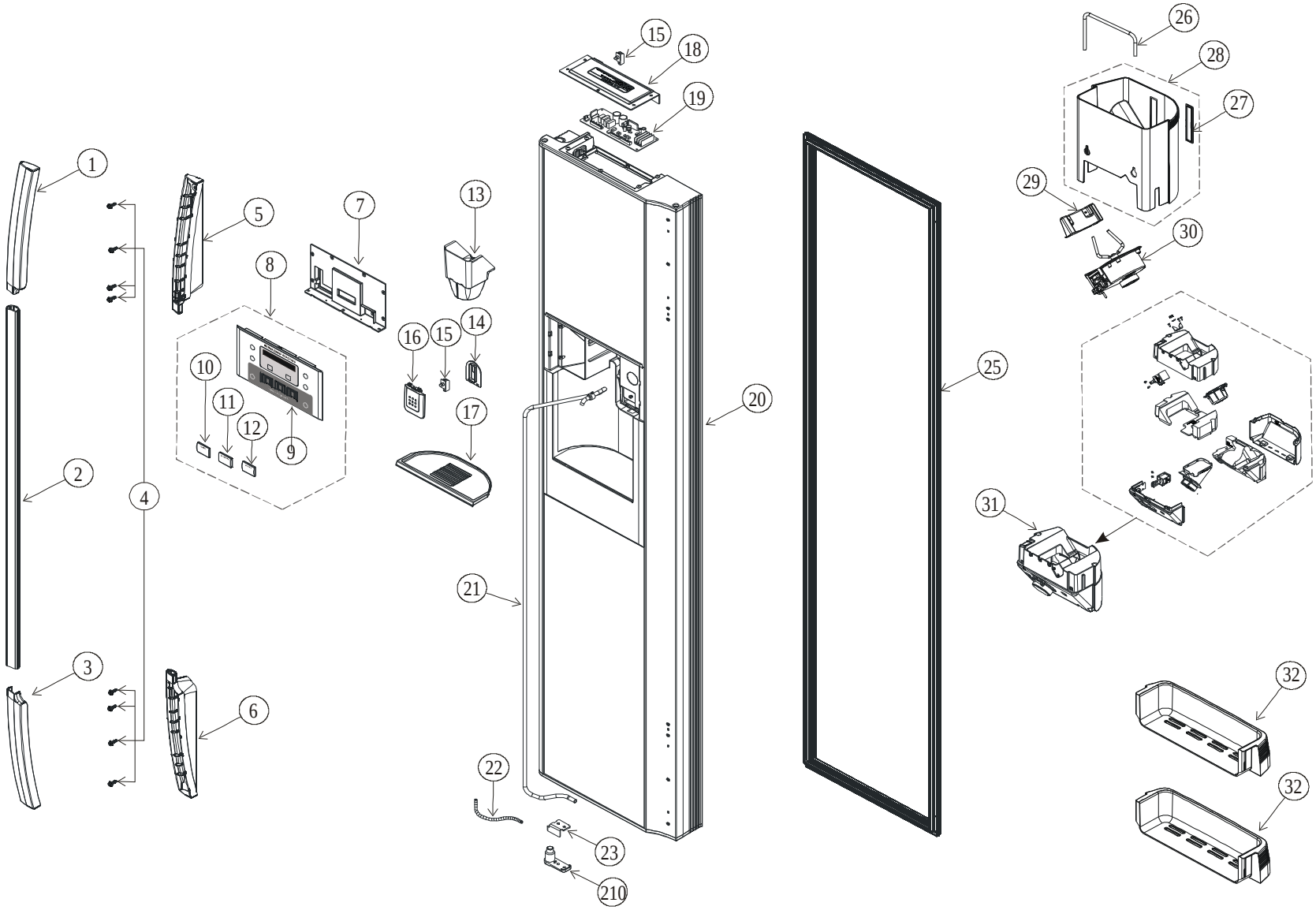
F-sensor		R-sensor		D-sensor		TC-sensor		IM-sensor	
Temp. (℃)	Resistance (Ω)	Temp. (℃)	Resistance (Ω)	Temp. (℃)	Resistance (Ω)	Temp. (℃)	Resistance (Ω)	Temp. (℃)	Resistance (Ω)
~ -41	~ 72.7k	~ -20	~ 19.23k	~ -45	~ 99.11k	~ -20	~ 105.38k	~ -40	~ 67.81k
~ -25	~ 25.58k	~ -15	~ 14.26k	~ -20	~ 19.17k	~ -15	~ 82.03k	~ -15	~ 82.03k
-20	18.9k	-10	10.78k	-10	10.83k	-10	60.86k	-10	60.86k
-15	14.13k	-5	8.23k	-5	8.27k	-5	45.67k	-5	45.67k
-10	10.68k	0	6.35k	0	6.38k	0	34.62k	0	34.62k
-5	8.15k	5	4.94k	5	4.97k	5	26.52k	5	26.52k
0	6.29k	10	3.88k	10	3.90k	10	20.50k	10	20.50k
5	4.90k	15	3.08k	15	3.09k	15	15.99k	15	15.99k
10	3.85k	20	2.46k	20	2.47k	20	12.00k	20	12.00k
15	3.05k	25	1.98k	25	1.98k	25	9.97k	25	9.97k
20	2.43k	30	1.60k	30	1.61k	30	7.97k	30	7.97k
25	1.96k	35	1.31k	40	1.08k	35	6.42k	35	6.42k
30 ~	1.59k ~	40 ~	1.07k ~	50 ~	0.74k ~	40 ~	5.20k ~	40 ~	5.20k ~
61 ~	0.51k ~	60 ~	0.51k ~	61 ~	0.50k ~	62 ~	2.32k ~	59 ~	0.55k ~



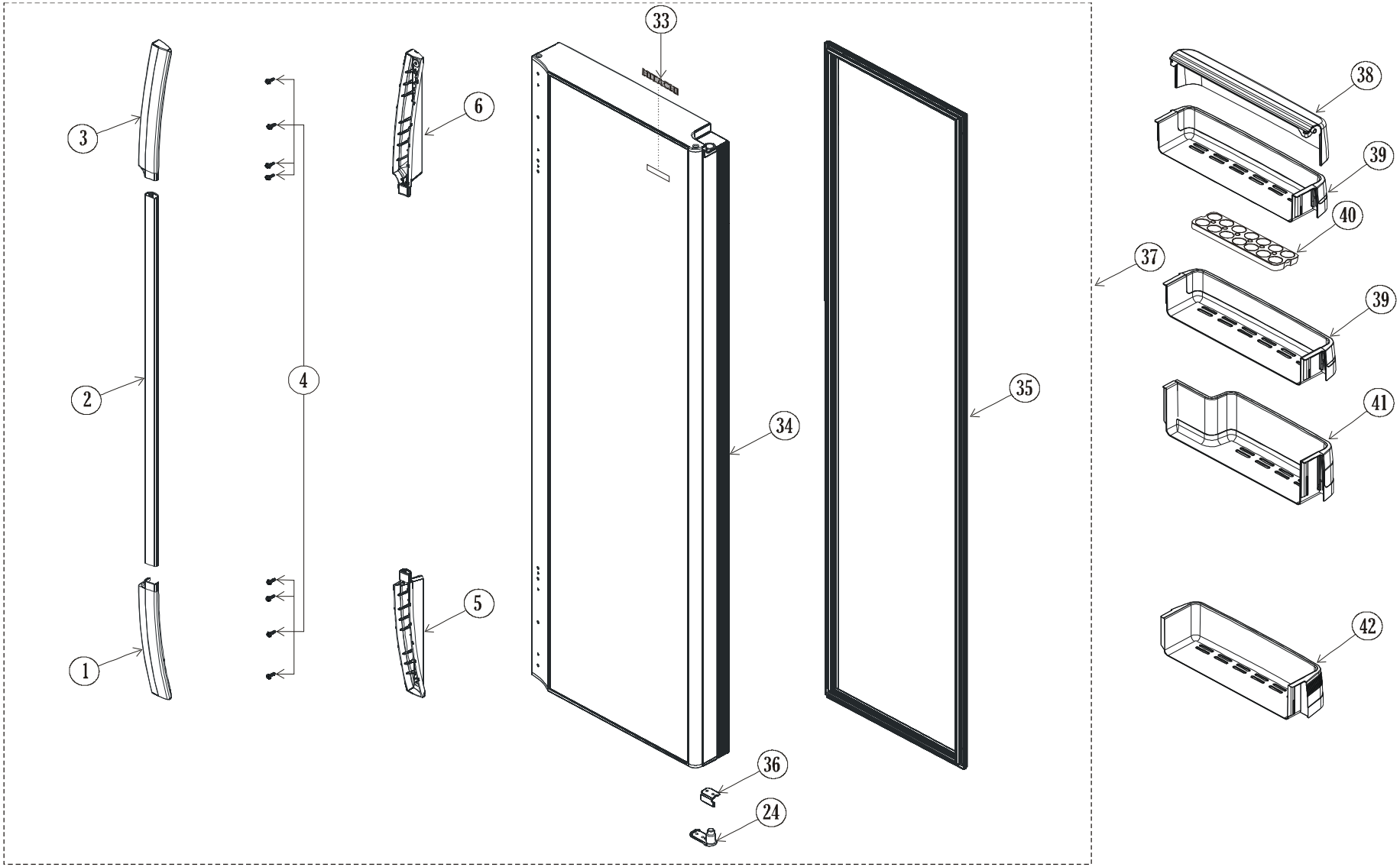
Error code

Priority sequence	Error code		Breakdown list	Breakdown description	Operation	Check point
	LED display	7 Segments				
1	1s ON + Blink once	F1 01	F-sensor abnormal	F-sensor value abnormal	Provisional mode	- Each sensor - Half inserting of connector
2	1s ON + Blink twice	F1 02	R-sensor abnormal	R-sensor value abnormal	Provisional mode	
3	1s ON + Blink 3 times	F1 03	TC-sensor abnormal	TC-sensor value abnormal	Display error code	
4	1s ON + Blink 4 times	F1 04	D-sensor abnormal	D-sensor value abnormal	No defrosting	
5	Blink 20 times	F0 20	Communication error	Communication error	Provisional mode	- Half inserting of connector - Main PCB - Door PCB
6	Blink 21 times	F0 21	Door EEPROM Data abnormal	Door EEPROM Data abnormal	Display error code	- Door PCB
7	Blink twice	F0 02	Main EEPROM Data abnormal	Main EEPROM Data abnormal	Display error code	- Main PCB
8	Blink 7 times	F0 07	Cover current	Cover current	Compressor stop	- Compressor - Main PCB
9	Blink 8 times	F0 08	Compressor abnormal low speed	Compressor abnormal low speed	Display error code	- Compressor - Main PCB
10	Blink 9 times	F0 09	Switching failure	Compressor stop	Compressor stop	- Compressor - Main PCB
11	Blink 11 times	F0 11	Compressor micon communication abnormal	Compressor stop	Compressor stop	- Main PCB
12	Blink 12 times	F0 12	R-Fan motor abnormal or 12V drops	R-Fan motor abnormal or 12V drops	R-Fan motor stops and retry after 3min.	- Around R-Fan - Half inserting of connector - Main PCB
13	Blink 13 times	F0 13	K-Fan motor abnormal	K-Fan motor lock	K-Fan motor stop	- Around K-Fan - Half inserting of connector - Main PCB
14	Blink 3 times	F0 03	Ice maker abnormal	SGN signal abnormal	Ice maker stop	- IM-sensor sensor - Half inserting of connector
15	1s ON + 5 times	F1 05	Ice maker sensor abnormal	Ice maker sensor value abnormal	Can not make Ice	- IM-sensor sensor - Half inserting of connector
16	Blink 4 times	F0 04	Defrosting circuit abnormal	Defrosting continues even after 2 hours	After 2 hours,stop defrosting and display error code	- Defrost heater - Thermal Fuse - D-sensor - Door open by foods and etc. - Door gasket gap
17	Blink 14 times	F0 14	Poer voltage abnormal	Poer voltage abnormal	Fridge can not operation	- Input voltage - Main PCB
18	3s ON + Blink once	F3 01	Freezer not cool	F-sensor stays over -10℃ for 72 hours	Display error code	- Door open by foods and etc. - Door gasket gap - Gas leak
19	3s ON + Blink twice	F3 02	Refrigerator not cool	R-sensor stays over 10℃ for 72 hours	Display error code	

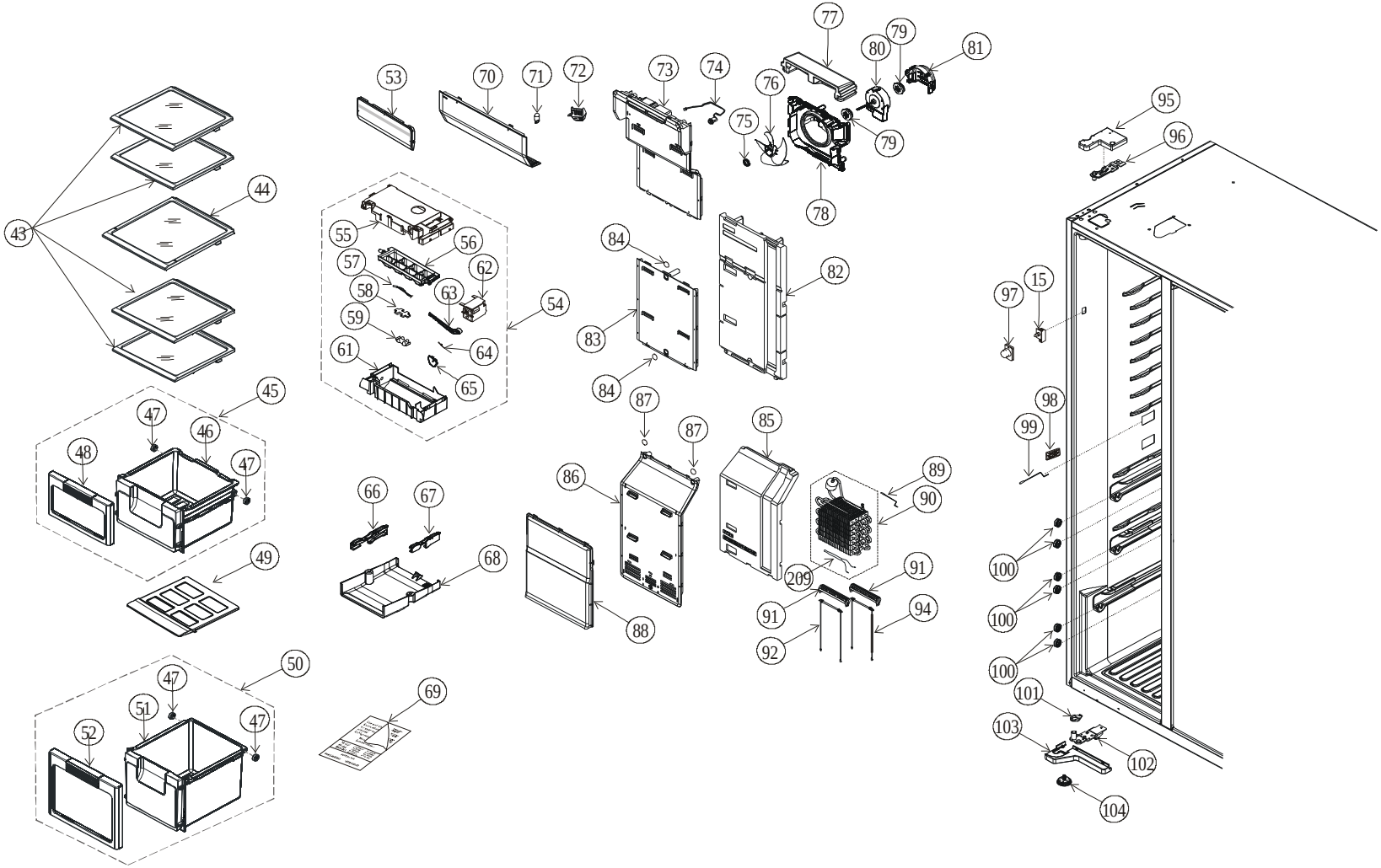
MODEL : R-S700GPRU9 FREEZER-DOOR



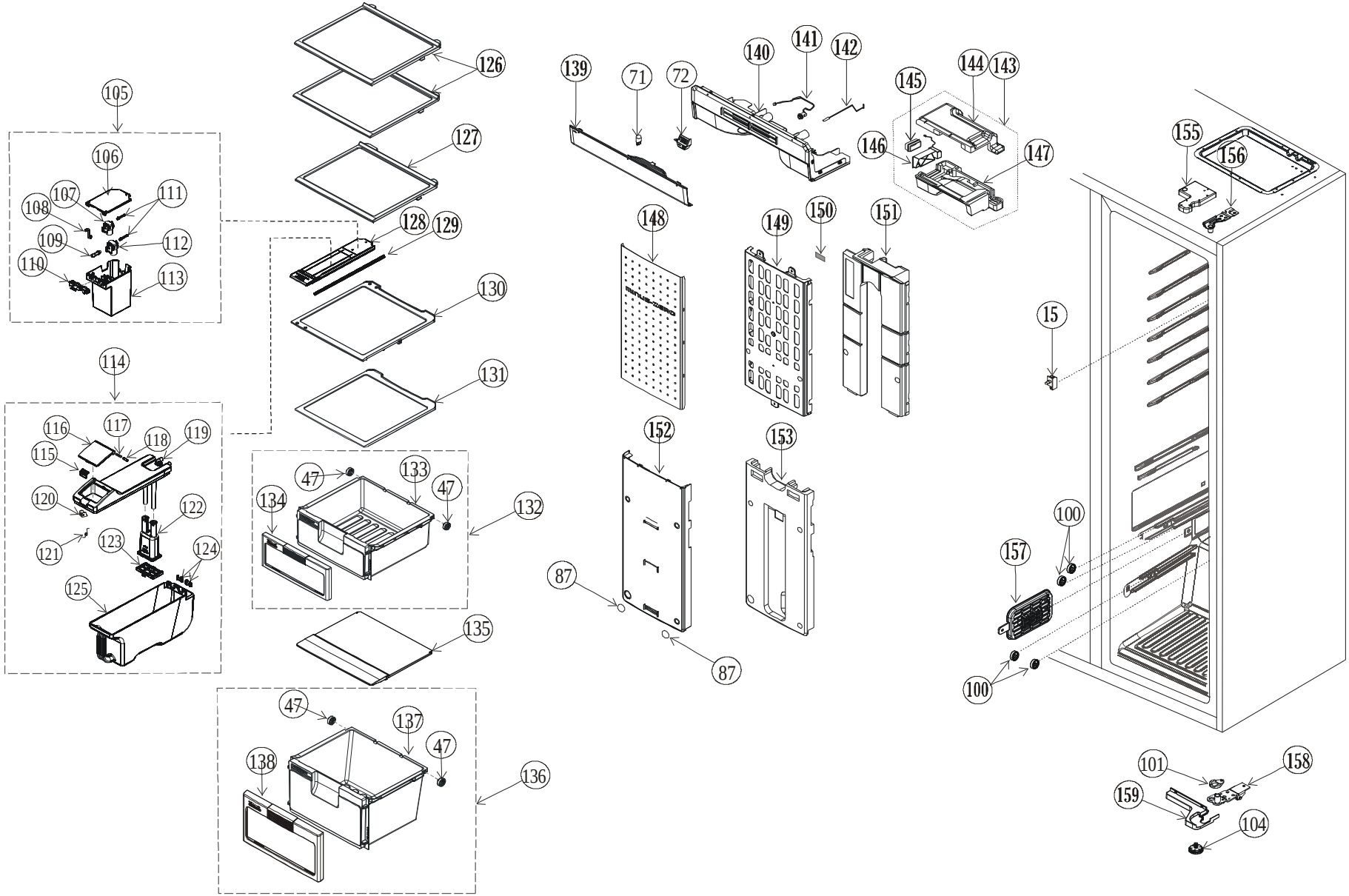
MODEL : R-S700GPRU9 REFRIGERATOR-DOOR



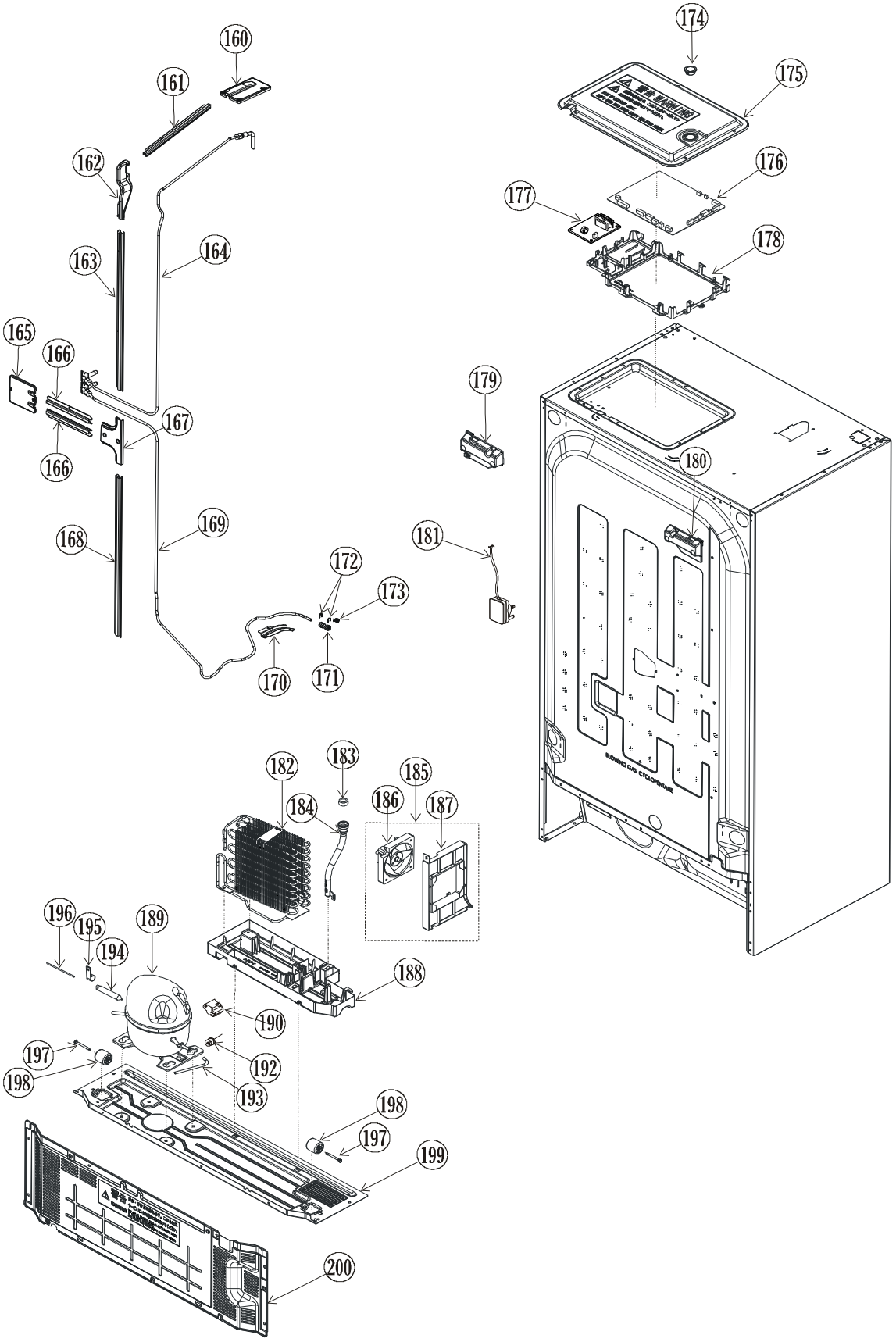
MODEL : R-S700GPRU9 FREEZER-ROOM



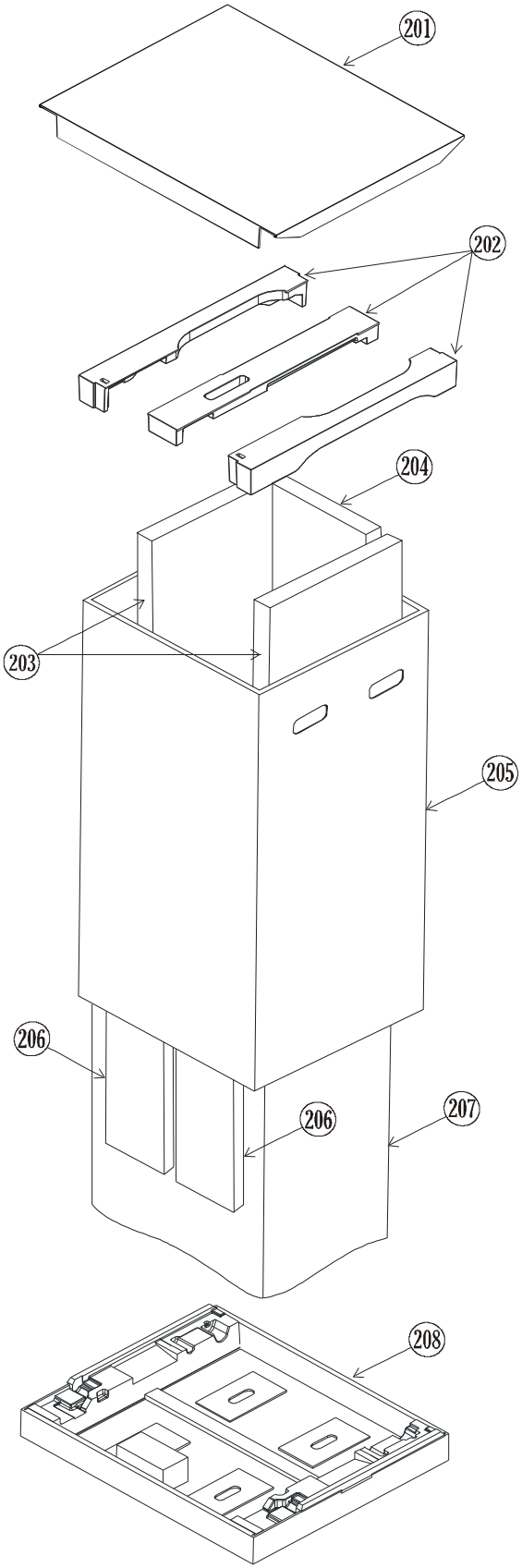
MODEL : R-S700GPRU9 REFRIGERATOR-ROOM



MODEL : R-S700GPRU9 BACK & TOP REFRIGERATOR



MODEL : R-S700GPRU9 PACKING



MODEL : R-S700GPRU9 (GS)

NO	SERVICE NO.	SERVICE NAME	Q'TY/SET	REMARKS
			R-S700GPRU9	
1	PTR-S700EUK8 001	HANDLE-COVER-FURL	2	
2	PTR-S700EUK8 002	HANDLE-PIPE-F	2	
3	PTR-S700EUK8 003	HANDLE-COVER-FLRU	2	
4	PTR-M800ES8V 006	SCREW M5x16	16	
5	PTR-S700EUK8 005	HANDLE-FIXER-FURL	2	
6	PTR-S700EUK8 006	HANDLE-FIXER-FLRU	2	
7	PTR-M800GM 006	CONTROL-CASE-DX	1	
8	PTR-M700GPMS 001	CONTROL-COVER	1	**
9	PTR-M700GPMS 002	CONTROL-ASS'Y	1	**
10	PTR-M800GM 003	BUTTON-CUBES	1	
11	PTR-M800GM 004	BUTTON-CUSHED	1	
12	PTR-M800GM 005	BUTTON-WATER	1	
13	PTR-M800GM 007	ICE-DISCHARGE	1	
14	PTR-M800GM 008	DOOR-SWITCH-CASE	1	
15	PTR-25A3P 022	DOOR SWITCH	4	**
16	PTR-S700GU8 001	DISPENSER-LEVER	1	
17	PTR-SBS6100T 006	WATER-TRAY	1	
18	PTR-M600GPTH 004	COVER-PCB-EP	1	
19	PTR-M800GM 014	CONTROL-PCB-IDR	1	**
20	PTR-S70GPRP9 002	DOOR-PANEL-F (GS)	1	**
21	PTR-M800GM 011	WATER-TUBE-DOOR	1	
22	PTR-M800GM 012	SPRING-WATER-TUBE	1	
23	PTR-S700EUK8 014	DOOR-STOPPER-F	1	
24	PTR-S700EUK8 015	DOOR-CLOSER-U	1	
25	PTR-S70GPRP9 004	DOOR-GASKET-F	1	**
26	PTR-SBS6200T 003	ICE-BANK-BAR	1	
27	PTR-M801GS8 002	ICE-BANK-COVER-DEC	1	
28	PTR-SBS6200T 004	ICE-BANK	1	
29	PTR-M800GM 021	CRUSH-C-FIXER	1	
30	PTR-M800GM 022	CRUSH-CASE-SERVICE	1	**

**RELATED PART FOR COOLING SYSTEM

MODEL : R-S700GPRU9 (GS)

NO	SERVICE NO.	SERVICE NAME	Q'TY/SET	REMARKS
			R-S700GPRU9	
31	PTR-M800GM 100	MOTOR-ASS'Y	1	
31	PTR-M600GPTH 005	MOTOR-ASS'Y	1	**
32	PTR-S700EUK8 021	DOOR-POCKET-FL	2	
33	PTR-Z470AK6K 006	DOOR-BADGE	1	
34	PTR-S700EUC 001	DOOR-PANEL-R (GBK)	1	**
34	PTR-S700EUC 003	DOOR-PANEL-R (GS)	1	**
35	PTR-S700GRU 005	DOOR-GASKET-R	1	
36	PTR-S700EUK8 027	DOOR-STOPPER-R	1	
37	PTR-S80GGD8 005	DOOR-PANEL-R-SV-ASS'Y (GS)	1	**
38	PTR-S700EGS8 001	DOOR-POCKET-COVER-RU	1	
39	PTR-S700EUK8 033	DOOR-POCKET-RU	2	
40	PTR-S700EUK8 034	EGG-CASE	1	
41	PTR-M800GM 024	DOOR-POCKET-RLDX	1	
42	PTR-S700EUK8 036	DOOR-POCKET-V	1	
43	PTR-S700EUK8 037	GLASS-SHELF-F-1	4	
44	PTR-S700EUK8 038	GLASS-SHELF-F2	1	
45	PTR-S700EUK8 047	F-CASE-UP-ASS'Y	1	
46	PTR-S700EUK8 046	F-CASE-UP	1	
47	PTR-S700EUK8 045	CASE-ROLLER	8	
48	PTR-S700EUK8 044	F-CASE-FRAME-UP	1	
49	PTR-SBS6100T 014	F-CASE-COVER-LO	1	
50	PTR-S700EUK8 051	F-CASE-LO-ASS'Y	1	
51	PTR-S700EUK8 050	F-CASE-LO	1	
52	PTR-S700EUK8 049	F-CASE-FRAME-LO	1	
53	PTR-M800GM 026	IM-F-COVER	1	
54	PTR-M800GM 027	IM-UNIT-ASS'Y	1	**
55	PTR-M800GM 028	IM-FRAME-UP	1	
56	PTR-M800GM 029	ICE-TRAY	1	
57	PTR-S701GRP8 001	IM-SENSOR	1	**
58	PTR-Z550SX 001	ICE-MAKER-OSAE	1	

**RELATED PART FOR COOLING SYSTEM

MODEL : R-S700GPRU9 (GS)

NO	SERVICE NO.	SERVICE NAME	Q'TY/SET	REMARKS
			R-S700GPRU9	
59	PTR-Z550SX 002	ICE-MAKER-COVER	1	
61	PTR-M800GM 035	IM-FRAME-LO	1	
62	PTR-S31NVH 049	ICE MAKER UNIT	1	**
63	PTR-S700GU8 009	IM-LEVER-1	1	
64	PTR-M700GPMS 012	SPRING-IM-LEVER	1	
65	PTR-S700GU8 004	IM-LEVER-2	1	
66	PTR-M800GM 036	IM-HAGER-L	1	
67	PTR-M800GM 037	IM-HAGER-R	1	
68	PTR-S700GGS8 001	IM-DUCT	1	
70	PTR-S700EUK8 053	LAMP-COVER-F	1	
71	PTR-S700EUK8 054	LAMP 10WC	2	**
72	PTR-S700EUK8 056	LAMP-HOLDER	2	
73	PTR-S700EUK8 057	FAN-GUARD	1	
74	PTR-S700EUK8 058	LAMP-CORD-2	1	**
75	PTR-923V 050	BANE MOTOR	1	
76	PTR-S700EUK8 060	FAN-120	1	
77	PTR-SBS6100T 020	DUCT-FAN-GUARD	1	
78	PTR-M700GPMS 013	MOUTH-PLATE	1	
79	PTR-S700EUK8 062	FAN-RUBBER	2	
80	PTR-S700EUK8 063	R-MOTOR	1	**
81	PTR-S700EUK8 064	MOTOR-COVER	1	
82	PTR-SBS6100T 022	DUCT-F	1	
83	PTR-S700EUK8 065	DUCT-COVER-F	1	
84	PTR-610AS3T 059	STICKER R-PANEL	2	
85	PTR-SBS6100T 023	EVAPORATOR-DUCT	1	
86	PTR-SBS6100T 024	EVAPORATOR-COVER	1	
87	PTR-Z660EN6 004	STICKER R-PANEL	5	
88	PTR-S700EUK8 067	DUCT-RETURN-F	1	
89	PTR-S700EUK8 071	D-SENSOR	1	**
90	PTR-M700GPMS 014	EVAPORATOR-GROOVE	1	**

**RELATED PART FOR COOLING SYSTEM

MODEL : R-S700GPRU9 (GS)

NO	SERVICE NO.	SERVICE NAME	Q'TY/SET	REMARKS
			R-S700GPRU9	
91	PTR-M700GPU 008	R-HEATER-COVER	2	
92	PTR-M700GPU 006	R-HEATER-ASS'Y	1	**
94	PTR-M700GPU 007	R-HEATER-12-ASS'Y	1	**
95	PTR-S700EUK8 077	UP-HINGE-COVER-L (GS,GBK)	1	
96	PTR-S700EUK8 079	UP-HINGE-L	1	
97	PTR-S700EUK8 080	DOOR-SWITH-COVER	1	
98	PTR-S700EUK8 081	SENSOR-COVER	1	
99	PTR-M700GUK 004	F-SENSOR	1	**
100	PTR-S700EUK8 083	RAIL-ROLLER	10	
101	PTR-S700EUK8 084	DOOR-CLOSER-L0	2	
102	PTR-S700EUK8 118	LO-HINGE-R	1	
103	PTR-S700EUK8 086	LO-FRONT-COVER-L	1	
104	PTR-M700EL8 006	ADJUSTOR	2	
105	PTR-M800GM 051	PUMP-SUPPORT-ASS'Y	1	**
106	PTR-M800GM 052	PUMP-SUPPORT-COVER	1	
107	PTR-M700GUK 005	WATER-DIS-PUMP	1	**
108	PTR-M800GM 053	TUBE-WATER-DIS-PUMP-IN	1	
109	PTR-M800GM 056	TUBE-IM-PUMP	1	
110	PTR-M800GM 057	TANK-FIX	1	
111	PTR-M800GM 054	TUBE-WATER-DIS-PUMP-OUT	2	
112	PTR-S31NVH 023	WATER PUMP (IM)	1	**
113	PTR-M800GM 058	PUMP-SUPPORT	1	
114	PTR-M800GM 040	WATER-TANK-ASS'Y	1	**
115	PTR-M800GM 043	TANK-BUTTON	1	
116	PTR-M800GM 044	TANK-CAP	1	
117	PTR-M800GM 042	SPRING-TANK-PUSH	1	
118	PTR-M800GM 046	TANK-CAP-PIN	1	
119	PTR-M800GM 047	TANK-COVER	1	
120	PTR-M800GM 041	INSIDE-COVER-TANK	1	
121	PTR-M800GM 045	SPRING-TANK-CAP	1	

**RELATED PART FOR COOLING SYSTEM

MODEL : R-S700GPRU9 (GS)

NO	SERVICE NO.	SERVICE NAME	Q'TY/SET	REMARKS
			R-S700GPRU9	
122	PTR-M800GM 048	FILTER-FIX	1	
123	PTR-570ES4K 004	FILTER-475	1	
124	PTR-M800GM 049	TANK-LOCK-COVER	2	
125	PTR-M800GM 050	WATER-TANK	1	**
126	PTR-S700EUK8 089	GLASS-SHEELF-R	2	
127	PTR-M800GM 039	GLASS-SHEELF-TK	1	
128	PTR-M800GM 059	TANK-BASE	1	
129	PTR-M800GM 060	TANK-BASE-SEAL	1	
130	PTR-M800GM 061	GLASS-SHELF-RV	1	
131	PTR-S700EUK8 091	VEGETABLE-GLASS-SHELF-2-R	1	
132	PTR-S700EUK8 092	VEGETABLE-MI-ASS'Y	1	
133	PTR-S700EUK8 094	VEGETABLE-CASE-MI	1	
134	PTR-S700EUK8 093	VEGETABLE-CASE-FRAME-MI	1	
135	PTR-S700EUK8 095	VEGETABLE-CASE-COVER-LO	1	
136	PTR-S700EUK8 096	VEGETABLE-L-ASS'Y	1	
137	PTR-S700EUK8 098	VEGETABLE-CASE-LO	1	
138	PTR-S700EUK8 097	VEGETABLE-CASE-FRAME-LO	1	
139	PTR-S700EUK8 099	LAMP-COVER-R	1	
140	PTR-S700EUK8 100	R-PANEL-U	1	
141	PTR-S700EUK8 101	CORD-LAMP-1	1	**
142	PTR-S700EUK8 102	R-SENSOR	1	**
143	PTR-S700EUK8 106	DAMPER-DUCT-SET	1	**
144	PTR-S700EUK8 105	DAMPER-DUCT-UP	1	**
145	PTR-S700EUK8 104	DUCT-CONNECT	1	**
146	PTR-S700EUK8 103	DAMPER	1	**
147	PTR-S700EUK8 107	DAMPER-DUCT-LO	1	**
148	PTR-S700EUK8 108	ALUMINIUM-PANEL	1	
149	PTR-S700EUK8 109	R-PANEL-M	1	
150	PTR-390AUK5 003	05-NANO-TITAN	1	
151	PTR-S700EUK8 110	R-DUCT-M	1	

**RELATED PART FOR COOLING SYSTEM

MODEL : R-S700GPRU9 (GS)

NO	SERVICE NO.	SERVICE NAME	Q'TY/SET	REMARKS
			R-S700GPRU9	
152	PTR-S700EUK8 111	R-PANEL-L	1	
153	PTR-S700EUK8 112	R-DUCT-L	1	
155	PTR-S700EUK8 115	UP-HINGE-COVER-R (GS,GBK)	1	
156	PTR-S700EUK8 116	UP-HINGE-R	1	
157	PTR-S700EUK8 117	RETURN-GRILL-N	1	
158	PTR-S700EUK8 118	LO-HINGE-R	1	
159	PTR-S700EUK8 119	LO-FRONT-COVER-R	1	
160	PTR-M800GM 062	ALP-COVER	1	
161	PTR-SBS6200T 022	EXT-COVER-TOP	1	
162	PTR-M800GM 064	COVER-WATER-PIPE	1	
163	PTR-M801GS8 003	EXT-COVER-UPPER	1	
164	PTR-M800GM 070	WATER-TUBE-IM	1	
165	PTR-M800GM 066	CONNECTING-COVER	1	
166	PTR-M801GS8 004	COVER-CENTER	2	
167	PTR-M800GM 068	COVER-WATER-PIPE-BACK	1	
168	PTR-M801GS8 005	COVER-LOWER	1	
169	PTR-M800GM 071	WATER-TUBE-WD	1	
170	PTR-M800GM 072	FIXER-TUBE-BTM	1	
171	PTR-M800GM 075	CONNECTOR-AUC0606M	1	
172	PTR-M800GM 073	CLIP-ALC06M	2	
173	PTR-M800GM 074	BIDER-TIC-140W(4.8)	1	
174	PTR-208A1HE 012	HOLE PLUG	1	
175	PTR-S70GPRP9 006	MAIN-PCB-COVER	1	
176	PTR-S700GPR 001	PCB-MAIN	1	**
177	PTR-M700GPG9 005	PCB-FILTER	1	**
178	PTR-S700EUK8 122	PCB-CASE	1	
179	PTR-400WP 042	BACK-HANDLE-L	1	
180	PTR-400WP 041	BACK-HANDLE-R	1	
181	PTR-M80GPGD9 002	PLUG-CORD	1	**
182	PTR-SBS6100T 048	CONDENSOR	1	**

**RELATED PART FOR COOLING SYSTEM

MODEL : R-S700GPRU9 (GS)

NO	SERVICE NO.	SERVICE NAME	Q'TY/SET	REMARKS
			R-S700GPRU9	
183	PTR-S700EUK8 125	DRAIN-SEALER	1	
184	PTR-S700EUK8 126	DRAIN-PIPE	1	
185	PTR-SBS6100T 049	FAN-MOTOR-FIXER-ASS'Y	1	**
186	PTR-SBS6100T 050	DC-FAN-MOTOR	1	**
187	PTR-SBS6100T 051	FAN-MOTOR-FIXER	1	
188	PTR-S700EUK8 130	DRAIN-PAN	1	
189	PTR-M700GPN 007	COMPRESSOR	1	**
190	PTR-SF37WVPH 052	TERMINAL-COVER	1	
192	PTR-SF37WVPH 053	OVERLOAD RELAY	1	**
193	PTR-S700EUK8 131	CHARG-PIPE-COMP	1	
194	PTR-14MX7 008	DRYER KMP (NON-CFC)	1	**
195	PTR-S700EUK8 132	DRYER-FIXER	1	
196	PTR-S700EUK8 135	CHARG-PIPE-DRYER	1	
197	PTR-923V 061	ROLLER PIN	2	
198	PTR-SF37WVP 006	ROLLER	2	
199	PTR-SBS6100T 054	COMP-BASE	1	
200	PTR-SBS6100T 055	BACK-COVER	1	
201	PTR-M801GS8 007	UP-CARTON-SF-H	1	
202	PTR-S800EM 004	UP-CUSHION-SF-H	1	
203	PTR-S801ES8 007	SIDE CUSHION	2	
204	PTR-SBS6200T 031	FRONT-CUSHION	1	
205	PTR-S700GPR 003	CARTONBOX-R-S700GPRU9 (GS)	1	
206	PTR-S801ES8 006	FRONT-CUSHION-65x200x1500	2	
207	PTR-610AS3T 090	POLY BAG	1	
208	PTR-SBS6200T 033	CARTON-BASE-H	1	
209	PTR-S70GPRP9 015	FUSE	1	**
210	PTR-M8060GHT 001	DOOR-CLOSER-U-PA	1	

**RELATED PART FOR COOLING SYSTEM

MODEL : R-S700GPRU9 (GBK)

NO	SERVICE NO.	SERVICE NAME	Q'TY/SET	REMARKS
			R-S700GPRU9	
1	PTR-S700EUK8 001	HANDLE-COVER-FURL	2	
2	PTR-S700EUK8 002	HANDLE-PIPE-F	2	
3	PTR-S700EUK8 003	HANDLE-COVER-FLRU	2	
4	PTR-M800ES8V 006	SCREW M5x16	16	
5	PTR-S700EUK8 005	HANDLE-FIXER-FURL	2	
6	PTR-S700EUK8 006	HANDLE-FIXER-FLRU	2	
7	PTR-M800GM 006	CONTROL-CASE-DX	1	
8	PTR-M700GPMS 001	CONTROL-COVER	1	**
9	PTR-M700GPMS 002	CONTROL-ASS'Y	1	**
10	PTR-M800GM 003	BUTTON-CUBES	1	
11	PTR-M800GM 004	BUTTON-CUSHED	1	
12	PTR-M800GM 005	BUTTON-WATER	1	
13	PTR-M800GM 007	ICE-DISCHARGE	1	
14	PTR-M800GM 008	DOOR-SWITCH-CASE	1	
15	PTR-25A3P 022	DOOR SWITCH	4	**
16	PTR-S700GU8 001	DISPENSER-LEVER	1	
17	PTR-SBS6100T 006	WATER-TRAY	1	
18	PTR-M600GPTH 004	COVER-PCB-EP	1	
19	PTR-M800GM 014	CONTROL-PCB-IDR	1	**
20	PTR-S70GPRP9 003	DOOR-PANEL-F (GBK)	1	**
21	PTR-M800GM 011	WATER-TUBE-DOOR	1	
22	PTR-M800GM 012	SPRING-WATER-TUBE	1	
23	PTR-S700EUK8 014	DOOR-STOPPER-F	1	
24	PTR-S700EUK8 015	DOOR-CLOSER-U	1	
25	PTR-S70GPRP9 004	DOOR-GASKET-F	1	**
26	PTR-SBS6200T 003	ICE-BANK-BAR	1	
27	PTR-M801GS8 002	ICE-BANK-COVER-DEC	1	
28	PTR-SBS6200T 004	ICE-BANK	1	
29	PTR-M800GM 021	CRUSH-C-FIXER	1	
30	PTR-M800GM 022	CRUSH-CASE-SERVICE	1	**

**RELATED PART FOR COOLING SYSTEM

MODEL : R-S700GPRU9 (GBK)

NO	SERVICE NO.	SERVICE NAME	Q'TY/SET	REMARKS
			R-S700GPRU9	
31	PTR-M800GM 100	MOTOR-ASS'Y	1	**
31	PTR-M600GPTH 005	MOTOR-ASS'Y	1	**
32	PTR-S700EUK8 021	DOOR-POCKET-FL	2	
33	PTR-Z470AK6K 006	DOOR-BADGE	1	
34	PTR-S700EUC 001	DOOR-PANEL-R (GBK)	1	**
34	PTR-S700EUC 003	DOOR-PANEL-R (GS)	1	**
35	PTR-S700GRU 005	DOOR-GASKET-R	1	
36	PTR-S700EUK8 027	DOOR-STOPPER-R	1	
37	PTR-S700EUK8 029	DOOR-PANEL-R-SV-ASS'Y (GBK)	1	**
38	PTR-S700EGS8 001	DOOR-POCKET-COVER-RU	1	
39	PTR-S700EUK8 033	DOOR-POCKET-RU	2	
40	PTR-S700EUK8 034	EGG-CASE	1	
41	PTR-M800GM 024	DOOR-POCKET-RLDX	1	
42	PTR-S700EUK8 036	DOOR-POCKET-V	1	
43	PTR-S700EUK8 037	GLASS-SHELF-F-1	4	
44	PTR-S700EUK8 038	GLASS-SHELF-F2	1	
45	PTR-S700EUK8 047	F-CASE-UP-ASS'Y	1	
46	PTR-S700EUK8 046	F-CASE-UP	1	
47	PTR-S700EUK8 045	CASE-ROLLER	8	
48	PTR-S700EUK8 044	F-CASE-FRAME-UP	1	
49	PTR-SBS6100T 014	F-CASE-COVER-LO	1	
50	PTR-S700EUK8 051	F-CASE-LO-ASS'Y	1	
51	PTR-S700EUK8 050	F-CASE-LO	1	
52	PTR-S700EUK8 049	F-CASE-FRAME-LO	1	
53	PTR-M800GM 026	IM-F-COVER	1	
54	PTR-M800GM 027	IM-UNIT-ASS'Y	1	**
55	PTR-M800GM 028	IM-FRAME-UP	1	
56	PTR-M800GM 029	ICE-TRAY	1	
57	PTR-S701GRP8 001	IM-SENSOR	1	**
58	PTR-Z550SX 001	ICE-MAKER-OSAE	1	

**RELATED PART FOR COOLING SYSTEM

MODEL : R-S700GPRU9 (GBK)

NO	SERVICE NO.	SERVICE NAME	Q'TY/SET	REMARKS
			R-S700GPRU9	
59	PTR-Z550SX 002	ICE-MAKER-COVER	1	
61	PTR-M800GM 035	IM-FRAME-LO	1	
62	PTR-S31NVH 049	ICE MAKER UNIT	1	**
63	PTR-S700GU8 009	IM-LEVER-1	1	
64	PTR-M700GPMS 012	SPRING-IM-LEVER	1	
65	PTR-S700GU8 004	IM-LEVER-2	1	
66	PTR-M800GM 036	IM-HAGER-L	1	
67	PTR-M800GM 037	IM-HAGER-R	1	
68	PTR-S700GGS8 001	IM-DUCT	1	
70	PTR-S700EUK8 053	LAMP-COVER-F	1	
71	PTR-S700EUK8 054	LAMP 10WC	2	**
72	PTR-S700EUK8 056	LAMP-HOLDER	2	
73	PTR-S700EUK8 057	FAN-GUARD	1	
74	PTR-S700EUK8 058	LAMP-CORD-2	1	**
75	PTR-923V 050	BANE MOTOR	1	
76	PTR-S700EUK8 060	FAN-120	1	
77	PTR-SBS6100T 020	DUCT-FAN-GUARD	1	
78	PTR-M700GPMS 013	MOUTH-PLATE	1	
79	PTR-S700EUK8 062	FAN-RUBBER	2	
80	PTR-S700EUK8 063	R-MOTOR	1	**
81	PTR-S700EUK8 064	MOTOR-COVER	1	
82	PTR-SBS6100T 022	DUCT-F	1	
83	PTR-S700EUK8 065	DUCT-COVER-F	1	
84	PTR-610AS3T 059	STICKER R-PANEL	2	
85	PTR-SBS6100T 023	EVAPORATOR-DUCT	1	
86	PTR-SBS6100T 024	EVAPORATOR-COVER	1	
87	PTR-Z660EN6 004	STICKER R-PANEL	5	
88	PTR-S700EUK8 067	DUCT-RETURN-F	1	
89	PTR-S700EUK8 071	D-SENSOR	1	**
90	PTR-M700GPMS 014	EVAPORATOR-GROOVE	1	**

**RELATED PART FOR COOLING SYSTEM

MODEL : R-S700GPRU9 (GBK)

NO	SERVICE NO.	SERVICE NAME	Q'TY/SET	REMARKS
			R-S700GPRU9	
91	PTR-M700GPU 008	R-HEATER-COVER	2	
92	PTR-M700GPU 006	R-HEATER-ASS'Y	1	**
94	PTR-M700GPU 007	R-HEATER-12-ASS'Y	1	**
95	PTR-S700EUK8 077	UP-HINGE-COVER-L (GS,GBK)	1	
96	PTR-S700EUK8 079	UP-HINGE-L	1	
97	PTR-S700EUK8 080	DOOR-SWITH-COVER	1	
98	PTR-S700EUK8 081	SENSOR-COVER	1	
99	PTR-M700GUK 004	F-SENSOR	1	**
100	PTR-S700EUK8 083	RAIL-ROLLER	10	
101	PTR-S700EUK8 084	DOOR-CLOSER-L0	2	
102	PTR-S700EUK8 118	LO-HINGE-R	1	
103	PTR-S700EUK8 086	LO-FRONT-COVER-L	1	
104	PTR-M700EL8 006	ADJUSTOR	2	
105	PTR-M800GM 051	PUMP-SUPPORT-ASS'Y	1	**
106	PTR-M800GM 052	PUMP-SUPPORT-COVER	1	
107	PTR-M700GUK 005	WATER-DIS-PUMP	1	**
108	PTR-M800GM 053	TUBE-WATER-DIS-PUMP-IN	1	
109	PTR-M800GM 056	TUBE-IM-PUMP	1	
110	PTR-M800GM 057	TANK-FIX	1	
111	PTR-M800GM 054	TUBE-WATER-DIS-PUMP-OUT	2	
112	PTR-S31NVH 023	WATER PUMP (IM)	1	**
113	PTR-M800GM 058	PUMP-SUPPORT	1	
114	PTR-M800GM 040	WATER-TANK-ASS'Y	1	**
115	PTR-M800GM 043	TANK-BUTTON	1	
116	PTR-M800GM 044	TANK-CAP	1	
117	PTR-M800GM 042	SPRING-TANK-PUSH	1	
118	PTR-M800GM 046	TANK-CAP-PIN	1	
119	PTR-M800GM 047	TANK-COVER	1	
120	PTR-M800GM 041	INSIDE-COVER-TANK	1	
121	PTR-M800GM 045	SPRING-TANK-CAP	1	

**RELATED PART FOR COOLING SYSTEM

MODEL : R-S700GPRU9 (GBK)

NO	SERVICE NO.	SERVICE NAME	Q'TY/SET	REMARKS
			R-S700GPRU9	
122	PTR-M800GM 048	FILTER-FIX	1	
123	PTR-570ES4K 004	FILTER-475	1	
124	PTR-M800GM 049	TANK-LOCK-COVER	2	
125	PTR-M800GM 050	WATER-TANK	1	**
126	PTR-S700EUK8 089	GLASS-SHEELF-R	2	
127	PTR-M800GM 039	GLASS-SHEELF-TK	1	
128	PTR-M800GM 059	TANK-BASE	1	
129	PTR-M800GM 060	TANK-BASE-SEAL	1	
130	PTR-M800GM 061	GLASS-SHELF-RV	1	
131	PTR-S700EUK8 091	VEGETABLE-GLASS-SHELF-2-R	1	
132	PTR-S700EUK8 092	VEGETABLE-MI-ASS'Y	1	
133	PTR-S700EUK8 094	VEGETABLE-CASE-MI	1	
134	PTR-S700EUK8 093	VEGETABLE-CASE-FRAME-MI	1	
135	PTR-S700EUK8 095	VEGETABLE-CASE-COVER-LO	1	
136	PTR-S700EUK8 096	VEGETABLE-L-ASS'Y	1	
137	PTR-S700EUK8 098	VEGETABLE-CASE-LO	1	
138	PTR-S700EUK8 097	VEGETABLE-CASE-FRAME-LO	1	
139	PTR-S700EUK8 099	LAMP-COVER-R	1	
140	PTR-S700EUK8 100	R-PANEL-U	1	
141	PTR-S700EUK8 101	CORD-LAMP-1	1	**
142	PTR-S700EUK8 102	R-SENSOR	1	**
143	PTR-S700EUK8 106	DAMPER-DUCT-SET	1	**
144	PTR-S700EUK8 105	DAMPER-DUCT-UP	1	**
145	PTR-S700EUK8 104	DUCT-CONNECT	1	**
146	PTR-S700EUK8 103	DAMPER	1	**
147	PTR-S700EUK8 107	DAMPER-DUCT-LO	1	**
148	PTR-S700EUK8 108	ALUMINIUM-PANEL	1	
149	PTR-S700EUK8 109	R-PANEL-M	1	
150	PTR-390AUK5 003	05-NANO-TITAN	1	
151	PTR-S700EUK8 110	R-DUCT-M	1	

**RELATED PART FOR COOLING SYSTEM

MODEL : R-S700GPRU9 (GBK)

NO	SERVICE NO.	SERVICE NAME	Q'TY/SET	REMARKS
			R-S700GPRU9	
152	PTR-S700EUK8 111	R-PANEL-L	1	
153	PTR-S700EUK8 112	R-DUCT-L	1	
155	PTR-S700EUK8 115	UP-HINGE-COVER-R (GS,GBK)	1	
156	PTR-S700EUK8 116	UP-HINGE-R	1	
157	PTR-S700EUK8 117	RETURN-GRILL-N	1	
158	PTR-S700EUK8 118	LO-HINGE-R	1	
159	PTR-S700EUK8 119	LO-FRONT-COVER-R	1	
160	PTR-M800GM 062	ALP-COVER	1	
161	PTR-SBS6200T 022	EXT-COVER-TOP	1	
162	PTR-M800GM 064	COVER-WATER-PIPE	1	
163	PTR-M801GS8 003	EXT-COVER-UPPER	1	
164	PTR-M800GM 070	WATER-TUBE-IM	1	
165	PTR-M800GM 066	CONNECTING-COVER	1	
166	PTR-M801GS8 004	COVER-CENTER	2	
167	PTR-M800GM 068	COVER-WATER-PIPE-BACK	1	
168	PTR-M801GS8 005	COVER-LOWER	1	
169	PTR-M800GM 071	WATER-TUBE-WD	1	
170	PTR-M800GM 072	FIXER-TUBE-BTM	1	
171	PTR-M800GM 075	CONNECTOR-AUC0606M	1	
172	PTR-M800GM 073	CLIP-ALC06M	2	
173	PTR-M800GM 074	BIDER-TIC-140W(4.8)	1	
174	PTR-208A1HE 012	HOLE PLUG	1	
175	PTR-S70GPRP9 006	MAIN-PCB-COVER	1	
176	PTR-S700GPR 001	PCB-MAIN	1	**
177	PTR-M700GPG9 005	PCB-FILTER	1	**
178	PTR-S700EUK8 122	PCB-CASE	1	
179	PTR-400WP 042	BACK-HANDLE-L	1	
180	PTR-400WP 041	BACK-HANDLE-R	1	
181	PTR-M80GPGD9 002	PLUG-CORD	1	**
182	PTR-SBS6100T 048	CONDENSOR	1	**

**RELATED PART FOR COOLING SYSTEM

MODEL : R-S700GPRU9 (GBK)

NO	SERVICE NO.	SERVICE NAME	Q'TY/SET	REMARKS
			R-S700GPRU9	
183	PTR-S700EUK8 125	DRAIN-SEALER	1	
184	PTR-S700EUK8 126	DRAIN-PIPE	1	
185	PTR-SBS6100T 049	FAN-MOTOR-FIXER-ASS'Y	1	**
186	PTR-SBS6100T 050	DC-FAN-MOTOR	1	**
187	PTR-SBS6100T 051	FAN-MOTOR-FIXER	1	
188	PTR-S700EUK8 130	DRAIN-PAN	1	
189	PTR-M700GPN 007	COMPRESSOR	1	**
190	PTR-SF37WVPH 052	TERMINAL-COVER	1	
192	PTR-SF37WVPH 053	OVERLOAD RELAY	1	**
193	PTR-S700EUK8 131	CHARG-PIPE-COMP	1	
194	PTR-14MX7 008	DRYER KMP (NON-CFC)	1	**
195	PTR-S700EUK8 132	DRYER-FIXER	1	
196	PTR-S700EUK8 135	CHARG-PIPE-DRYER	1	
197	PTR-923V 061	ROLLER PIN	2	
198	PTR-SF37WVP 006	ROLLER	2	
199	PTR-SBS6100T 054	COMP-BASE	1	
200	PTR-SBS6100T 055	BACK-COVER	1	
201	PTR-M801GS8 007	UP-CARTON-SF-H	1	
202	PTR-S800EM 004	UP-CUSHION-SF-H	1	
203	PTR-S801ES8 007	SIDE CUSHION	2	
204	PTR-SBS6200T 031	FRONT-CUSHION	1	
205	PTR-S700GPR 004	CARTONBOX-R-S700GPRU9 (GBK)	1	
206	PTR-S801ES8 006	FRONT-CUSHION-65x200x1500	2	
207	PTR-610AS3T 090	POLY BAG	1	
208	PTR-SBS6200T 033	CARTON-BASE-H	1	
209	PTR-S70GPRP9 015	FUSE	1	**
210	PTR-M8060GHT 001	DOOR-CLOSER-U-PA	1	

**RELATED PART FOR COOLING SYSTEM

HITACHI